



50-298

**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
WASHINGTON, D.C. 20555-0001

July 17, 1997

Mr. G. R. Horn
Sr. Vice President of Energy Supply
Nebraska Public Power District
1414 15th Street
Columbus, NE 68601

**SUBJECT: COOPER NUCLEAR STATION - CORRECTION OF TYPOGRAPHICAL ERROR IN
AMENDMENT NO. 43, ISSUED APRIL 11, 1978 (TAC NO. M99068)**

Dear Mr. Horn:

By letter dated May 30, 1997, the Nebraska Public Power District (NPPD) submitted a request to amend Facility Operating License No. DPR-46 for the Cooper Nuclear Station (CNS). The requested license amendment would, in part, revise Table 4.2.B, "RHR System Test & Calibration Frequencies," of the CNS Technical Specifications (TSs), to change the functional test frequency for item 14, Residual Heat Removal (RHR) Cross Tie Valve Position, from once per month to once per operating cycle. Upon initial review, the Nuclear Regulatory Commission (NRC) Project Manager determined that the application was incomplete, and on June 4, 1997, verbally requested that NPPD submit a supplement to the May 30, 1997, application. On June 17, 1997, NPPD informed the NRC of an apparent error affecting the proposed change; the requested change to the functional test frequency had been previously approved in Amendment No. 32, but was inadvertently reversed in Amendment No. 43.

Amendment No. 32, issued on November 10, 1976, contained substantial changes to the CNS TSs, in preparation for the plant's second cycle of operation. These TS changes included several revisions to reflect modifications to the Low Pressure Coolant Injection mode of RHR. Among these approved changes was the revision of Table 4.2.B, page 71, to extend the functional test frequency for the RHR crosstie valve position, from once per month to once per cycle.

On April 11, 1978, the NRC issued Amendment No. 43 for CNS; this amendment consisted of changes to the Limiting Conditions for Operation and Surveillance Requirements for undervoltage (UV) protection relays and associated equipment. Amendment No. 43 added three new items to Table 4.2.B related to UV relays. The TS changes page issued with Amendment No. 43 also unintentionally restored the functional test frequency for the RHR crosstie valve position to once per month. Prior to the issuance of Amendment No. 43, the functional test frequency for the RHR crosstie valve position was once per cycle; there was no discussion of the RHR crosstie valve position in your submittal of July 18, 1977, and a change to the RHR crosstie valve position test frequency was not reviewed nor discussed by the staff in the safety evaluation associated with Amendment No. 43. The error was introduced in the TS change page submitted with NPPD's application of July 18, 1977; since this item was not related to the amendment request, the NRC staff did not identify the error in issuing Amendment No. 43. Under these circumstances, the change to this item in Amendment No. 43 was not a proper amendment to the license. We further

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- 2 -

determined that none of the subsequent license amendments issued for CNS that revised TS Table 4.2.B, page 71, affected the requirements regarding the functional test frequency for the RHR crosstie valve position. Accordingly, a corrected page 71 for the Cooper Nuclear Station TSs is enclosed, which reflects the correct functional test frequency for the RHR crosstie valve position.

Sincerely,



James R. Hall, Senior Project Manager
Project Directorate IV-1
Division of Reactor Projects III/IV
Office of Nuclear Reactor Regulation

Docket No. 50-298

Enclosure: Corrected TS Page 71

cc w/encl: See next page

Mr. G. R. Horn

- 2 -

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Sincerely,

ORIGINAL SIGNED BY:

James R. Hall, Senior Project Manager
Project Directorate IV-1
Division of Reactor Projects III/IV
Office of Nuclear Reactor Regulation

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Enclosure: Corrected TS Page 71

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*See previous concurrence

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NAME	JHall/vw <i>CH</i>	CHawes <i>CMH</i>	EHoller	JClifford
DATE	6/30/97	6/30/97	06/27/97	6/30/97
COPY	YES/NO	YES/NO	YES/NO	YES/NO

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Cooper Nuclear Station

cc:

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COOPER NUCLEAR STATION
TABLE 4.2.B (Page 2)
RHR SYSTEM TEST & CALIBRATION FREQUENCIES

Item	Item I.D. No.	Functional Test Freq.	Calibration Freq.	Instrument Check
<u>Instrumentation</u>				
1. Drywell High Pressure	PC-PS-101, A, B, C & D	Once/Month (1)	Once/3 Months	None
2. Reactor Low Water Level	NBI-LIS-72, A, B, C & D #1	Once/Month (1)	Once/3 Months	Once/Day
3. Reactor Vessel Shroud Level	NBI-LITS-73, A & B #1	Once/Month (1)	Once/3 Months	Once/Day (
4. Reactor Low Pressure	RR-PS-128 A & B	Once/Month (1)	Once/3 Months	None
5. Reactor Low Pressure	NBI-PS-52 A1,A2,C1, & C2 NBI-PIS-52 B & D	Once/Month (1)	Once/3 Months	None
6. Drywell Press.-Containment Spray	PC-PS-119, A,B,C & D	Once/Month (1)	Once/3 Months	None
7. RHR Pump Discharge Press.	RHR-PS-120, A,B,C & D	Once/Month (1)	Once/3 Months	None
8. RHR Pump Discharge Press.	RHR-PS-105, A,B,C & D	Once/Month (1)	Once/3 Months	None
9. RHR Pump Low Flow Switch	RHR-dPIS-125 A & B	Once/Month (1)	Once 3 Months	None
10. RHR Pump Start Time Delay	RHR-TDR-K70, A & B	Once/Month (1)	Once/Oper. Cycle	None
11. RHR Injection Valve Close T.D.	RHR-TDR-K45 1A & 1B	Once/Month (1)	Once/Oper. Cycle	None
12. RHR Pump Start Time Delay	RHR-TDR-K75, A & B	Once/Month (1)	Once/Oper. Cycle	None
13. RHR Heat Exchanger Bypass T.D.	RHR-TDR-K93, A & B	Once/Month (1)	Once/Oper. Cycle	None
14. RHR Cross Tie Valve Position	RHR-LMS-8	Once/Cycle (1)	N.A.	
15. Low Voltage Relays	27 x 2/1F, 27 X 2/1G	(7)		None
16. Low Voltage Relays	27 X 1/1F, 27 X 1/1G	(7)		None
17. Pump Disch. Line Press. Low	CM-PS-266, CM-PS-270	Once/3 Months	Once/3 Months	None
18. Emergency buses Undervoltage Relays (Degraded Voltage)	27/1F-2, 27/1FA-2, 27/1G-2, 27/1GB-2	Once/Month	Once/18 Months	Once/12 hrs.
19. Emergency Buses Loss of Voltage Relays	27/1F-1, 27/1FA-1, 27/1G-1, 27/1GB-1, 27/ET-1, 27/ET-2	Once/Month	Once/18 Months	Once/12 hrs
20. Emergency Buses Undervoltage Relays Timers	27X7/1F, 27X7/1G	Once/Month	Once/18 Months	None

Amendment No. 25, 32, 43, 68, 75,
 100, 121, 147, 159
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Correction letter of 7/1/97